

IN THE CLAIMS

1. (Currently Amended) An information processing device, characterized by comprising:

judging means for judging whether restriction on recording is imposed on a program which a user desires to watch and listen to;

analyzing means for analyzing the restriction if it is judged by said judging means that the restriction on recording is imposed on the program; and

display control means for controlling a display to display on a screen a message concerning an analysis result of said analyzing means,

when said analysis result indicates that analog recording requires payment of a fee said display control means controls said display to display a message indicating that analog recording requires payment of a fee on a screen to make the user recognize an analysis result of said analyzing means;

~~whereby said judging, analyzing and controlling is performed according to a descriptor that is associated with the program and includes executable code for carrying out said judging, analyzing and controlling.~~

2. (Previously Presented) The information processing device as claimed in claim 1, wherein in accordance with each of a case where said analyzing means determines that analog recording is released by paying an additional fee, a case where said analyzing means determines that analog recording is allowed, but digital recording is not allowed and a case where said analyzing means determines that neither analog recording

nor digital recording is allowed, said display control means controls the display on the screen to make the user recognize the respective cases.

3. (Canceled)

4. (Original) The information processing device as claimed in claim 1, wherein said display control means controls the display so that the analysis result is displayed on the screen for a predetermined time.

5. (Currently Amended) An information processing method, characterized by comprising:

a judging step for judging whether restriction on recording is imposed on a program which a user desires to watch and listen to;

an analyzing step for analyzing the restriction if it is judged in the processing of said judging step that the restriction on recording is imposed on the program; and

a display control step for controlling a display to display on a screen a message concerning an analysis result of said analyzing step,

when said analysis result indicates that analog recording requires payment of a fee said display control step comprises controlling said display to display a message indicating that analog recording requires payment of a fee on a screen to make the user recognize a processing result of said analyzing step;

~~whereby said judging, analyzing and controlling is performed according to a descriptor that is associated with the~~

~~program and includes executable code for carrying out said judging, analyzing and controlling.~~

6. (Previously Presented) The information processing method as claimed in claim 5, wherein in accordance with each of a case where the processing of said analyzing step determines that analog recording is released by paying an additional fee, a case where the processing of said analyzing step determines that analog recording is allowed, but digital recording is not allowed and a case where the processing of said analyzing step determines that neither analog recording nor digital recording is allowed, said display control step controls the display on the screen to make the user recognize the respective cases.

7. (Canceled)

8. (Previously Presented) The information processing device as claimed in claim 5, wherein said display control step controls the display so that the processing result is displayed on the screen for a predetermined time.

9. (Currently Amended) A recording medium recorded with a computer-readable program including:

a judging step for judging whether restriction on recording is imposed on a program which a user desires to watch and listen to;

an analyzing step for analyzing the restriction if it is judged in the processing of said judging step that the restriction on recording is imposed on the program; and

a display control step for controlling a display to display on a screen a message concerning an analysis result of said analyzing step,

when said analysis result indicates that analog recording requires payment of a fee said display control step comprises controlling said display to display a message indicating that analog recording requires payment of a fee on a screen to make the user recognize a processing result of said analyzing step;

~~whereby said judging, analyzing and controlling is performed according to a descriptor that is associated with the program and includes executable code for carrying out said judging, analyzing and controlling.~~

10. (Previously Presented) The recording medium as claimed in claim 9, wherein in accordance with each of a case where the processing of said analyzing step determines that analog recording is released by paying an additional fee, a case where the processing of said analyzing step determines that analog recording is allowed, but digital recording is not allowed and a case where the processing of said analyzing step determines that neither analog recording nor digital recording is allowed, said display control step controls the display on the screen to make the user recognize the respective cases.

11. (Canceled)

12. (Previously Presented) The recording medium as claimed in claim 9, wherein said display control step controls the display so that the processing result is displayed on the screen for a predetermined time.

13. (Currently Amended) A system for providing a person seeking to use or view a program copy protect information regarding the program, said system comprising:

a display;

a processor adapted to execute instructions, said instructions including instructions for causing said processor to perform the steps of identifying the presence of copy protect data within said program, analyzing said copy protect data to determine the type of said copy protect data and controlling said display to display on a screen a message concerning an analysis result of said analyzing, wherein when said analysis result indicates that analog recording requires payment of a fee controlling said display comprises controlling said display to display a message indicating that analog recording requires payment of a fee ~~to display information regarding said copy protect data on said display for viewing by said person;~~

~~whereby said identifying, analyzing and controlling is performed according to a descriptor that is associated with the program and includes executable code for carrying out said identifying, analyzing and controlling.~~

14. (Previously Presented) A system as in claim 13, wherein said system further comprises a receiver adapted to receive a broadcast of said program.

15. (Previously Presented) A system as in claim 14, wherein said receiver comprises a set top box.

16. (Previously Presented) A system as in claim 14, wherein said receiver comprises an integrated receiver decoder.

17. (Previously Presented) A system as in claim 14, further comprising a television and wherein said television comprises said receiver and said display.

18. (Previously Presented) A system as in claim 13, wherein said display is adapted to display said program and said instructions further comprise instructions for causing said processor to perform said identifying, said analyzing and said controlling steps before said display of said program.

19. (Previously Presented) A system as in claim 18, wherein said program requires paying money for said display of said program.

20. (Previously Presented) A system as in claim 13, wherein said system further comprises a recorder adapted for copying said program and said instructions further comprise instructions for causing said processor to perform said identifying, said analyzing and said controlling steps before said copying of said program.

21. (Previously Presented) A system as in claim 20, wherein said program requires paying money for said copying of said program.

22. (Previously Presented) A system as in claim 13, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said display to display a menu containing interactive prompts for receiving said person's input.

23. (Previously Presented) A system as in claim 22, wherein said prompts include a prompt for said person to

acknowledge the presence of said copy protect data within said program.

24. (Previously Presented) A system as in claim 22, wherein said prompts include a prompt for said person to cancel a viewing of said program.

25. (Previously Presented) A system as in claim 22, wherein said prompts include a prompt for said person to pay for a viewing of said program.

26. (Previously Presented) A system as in claim 22, wherein said prompts include a prompt for said person to pay for a recording of said program.

27. (Previously Presented) A system as in claim 22, wherein said prompts include a prompt for said person to cancel the display of said information.

28. (Previously Presented) A system as in claim 13, wherein said copy protect data comprises data preventing digital copying of said program.

29. (Previously Presented) A system as in claim 13, wherein said copy protect data comprises data preventing analog copying of said program.

30. (Previously Presented) A system as in claim 13, wherein said copy protect data comprises data preventing both analog copying and digital copying of said program.

31. (Previously Presented) A system as in claim 13, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said

display to terminate the display of said information upon expiration of a predetermined time period.

32. (Previously Presented) A system as in claim 13, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said display to display the type of said copy protect data.

33. (Previously Presented) A system as in claim 13, wherein said program is a digital program.

34. (Currently Amended) A method for providing a person seeking to use or view a program copy protect information regarding the program, said method comprising:

identifying the presence of copy protect data within said program;

analyzing said copy protect data to determine the type of said copy protect data; and

controlling a display to display to display on a screen a message concerning an analysis result of said analyzing step,

when said analysis result indicates that analog recording requires payment of a fee controlling said display comprises controlling said display to display a message indicating that analog recording requires payment of a fee
~~information regarding said copy protect data on said display for viewing by said person;~~

~~whereby said identifying, analyzing and controlling is performed according to a descriptor that is associated with the~~

~~program and includes executable code for carrying out said identifying, analyzing and controlling.~~

35. (Previously Presented) A method as in claim 34, further comprising broadcasting said program to a receiver.

36. (Previously Presented) A method as in claim 35, wherein said receiver comprises a set top box.

37. (Previously Presented) A method as in claim 35, wherein said receiver comprises an integrated receiver decoder.

38. (Previously Presented) A method as in claim 35, further comprising broadcasting said program to a television and wherein said television comprises said receiver and display.

39. (Previously Presented) A method as in claim 34, further comprising displaying said program and wherein said identifying, said analyzing and said controlling occur before said displaying of said program.

40. (Previously Presented) A method as in claim 39, further comprising paying money for said displaying of said program.

41. (Previously Presented) A method as in claim 34, further comprising recording said program and wherein said identifying, said analyzing and said controlling occur before said recording of said program.

42. (Previously Presented) A method as in claim 41, further comprising paying money for said recording of said program.

43. (Previously Presented) A method as in claim 34, further comprising controlling said display to display a menu containing interactive prompts for receiving said person's input.

44. (Previously Presented) A method as in claim 43, wherein said prompts include a prompt for said person to acknowledge the presence of said copy protect data.

45. (Previously Presented) A method as in claim 43, wherein said prompts include a prompt for said person to cancel a viewing of said program.

46. (Previously Presented) A method as in claim 43, wherein said prompts include a prompt for said person to pay for a viewing of said program.

47. (Previously Presented) A method as in claim 43, wherein said prompts include a prompt for said person to pay for a recording of said program.

48. (Previously Presented) A method as in claim 43, wherein said prompts include a prompt for said person to cancel the display of said information.

49. (Previously Presented) A method as in claim 34, wherein said copy protect data comprises data preventing digital copying of said program.

50. (Previously Presented) A method as in claim 34, wherein said copy protect data comprises data preventing analog copying of said program.

51. (Previously Presented) A method as in claim 34, wherein said copy protect data comprises data preventing both analog copying and digital copying of said program.

52. (Previously Presented) A method as in claim 34, further comprising controlling said display to terminate the display of said information upon expiration of a predetermined time period.

53. (Previously Presented) A method as in claim 34, further comprising controlling said display to display the type of said copy protect data.

54. (Previously Presented) A method as in claim 34, wherein said program is a digital program.

55. (Currently Amended) A computer readable medium having computer executable software code stored on said medium for providing a person seeking to use or view a program copy protect information regarding the program, said code comprising instructions for causing a processor of a system to perform the steps of identifying the presence of copy protect data within said program, analyzing said copy protect data to determine the type of said copy protect data and controlling a display of said system to display on a screen a message concerning an analysis result of said analyzing, wherein when said analysis result indicates that analog recording requires payment of a fee controlling said display comprises controlling said display to display a message indicating that analog recording requires payment of a fee ~~to display information regarding said copy protect data on said display for viewing by said person, whereby said identifying, analyzing and controlling is performed according to a descriptor that is associated with the program~~

~~and includes executable code for carrying out said judging identifying, analyzing and controlling.~~

56. (Previously Presented) A computer readable medium as in claim 55, wherein said system comprises a receiver adapted to receive a broadcast of said program.

57. (Previously Presented) A computer readable medium as in claim 56, wherein said receiver comprises a set top box.

58. (Previously Presented) A computer readable medium as in claim 56, wherein said receiver comprises an integrated receiver decoder.

59. (Previously Presented) A computer readable medium as in claim 56, wherein said system further comprises a television and said television comprises said receiver and said display.

60. (Previously Presented) A computer readable medium as in claim 55, wherein said display is adapted to display said program and said instructions further comprise instructions for causing said processor to perform said identifying, said analyzing and said controlling steps before said display of said program.

61. (Previously Presented) A computer readable medium as in claim 60, wherein said program requires paying money for said display of said program.

62. (Previously Presented) A computer readable medium as in claim 55, wherein said system comprises a recorder adapted for copying said program and said instructions further comprise instructions for causing said processor to perform said

identifying, said analyzing and said controlling steps before said copying of said program.

63. (Previously Presented) A computer readable medium as in claim 62, wherein said program requires paying money for said copying of said program.

64. (Previously Presented) A computer readable medium as in claim 55, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said display to display a menu containing interactive prompts for receiving said person's input.

65. (Previously Presented) A computer readable medium as in claim 64, wherein said prompts include a prompt for said person to acknowledge the presence of said copy protect data within said program.

66. (Previously Presented) A computer readable medium as in claim 64, wherein said prompts include a prompt for said person to cancel a viewing of said program.

67. (Previously Presented) A computer readable medium as in claim 64, wherein said prompts include a prompt for said person to pay for a viewing of said program.

68. (Previously Presented) A computer readable medium as in claim 64, wherein said prompts include a prompt for said person to pay for a recording of said program.

69. (Previously Presented) A computer readable medium as in claim 64, wherein said prompts include a prompt for said person to cancel the display of said information.

70. (Previously Presented) A computer readable medium as in claim 55, wherein said copy protect data comprises data preventing digital copying of said program.

71. (Previously Presented) A computer readable medium as in claim 55, wherein said copy protect data comprises data preventing analog copying of said program.

72. (Previously Presented) A computer readable medium as in claim 55, wherein said copy protect data comprises data preventing both analog copying and digital copying of said program.

73. (Previously Presented) A computer readable medium as in claim 55, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said display to terminate the display of said information upon expiration of a predetermined time period.

74. (Previously Presented) A computer readable medium as in claim 55, wherein said instructions further comprise instructions for causing said processor to perform the step of controlling said display to display the type of said copy protect data.

75. (Previously Presented) A computer readable medium as in claim 55, wherein said program is a digital program.